



DISTRIBUTION EQUIPMENT DEPARTMENT
METER DIVISION METER TESTING SECTION

TEST REPORT

No. MT lab 10/2557

Equipment : 1 Phase 2 Wire ELECTRONIC Meter
Model/Type/MEA .No. : mitsubishi : SX1 – A35N (C-Loop) ID Code T351 – 420001-GY
Rated : 220 – 230V SINGLE PHASE 2-WIRE 5(45)A. 50Hz. 6000 imp/kWh
Manufacturer : MITSUBISHI ELECTRIC AUTOMATION (THAI LAND) CO., LTD.
Customer : MITSUBISHI ELECTRIC AUTOMATION (THAI LAND) CO., LTD.

Portable Meter test System

- ZERA GmbH (Germany) Model: MT 3000 Serial No.50009188

Traceability

Periodic checks of MEA's reference standard are done with the ZERA GmbH (Germany) Lab's energy standard

Test date : September 8, 2014

Ambient Temp. : 25 ± 3 °C

Relative Humid. : 55 ± 10 %

Approved By : P. Wuthipong

(Mr. Wuthipong Rakphuean) Chief of meter testing section



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Procedure used :

- This equipment was tested by comparison with Energy Meter Standard (MT 3000)

Condition of test report :

- This result of testing was found accurate as show on date and place of testing only.

ENERGY MEASUREMENT RATED VOLTAGE 1P. 2W.

LOAD (Amp)	PF.	Ph.	Active Energy Error (%) [Meter Constant 6000 impulse/ kWh.]					Reactive Energy Error (%)				
			P.	1 st	2 nd	3 rd	Avg.	Q.	1 st	2 nd	3 rd	Avg.
45.00	1.0	1	+	0.25	0.26	0.25	0.253	+	-	-	-	-
45.00	0.5 _L		+	0.39	0.40	0.40	0.397	+	-	-	-	-
30.00	1.0		+	0.29	0.29	0.29	0.290	+	-	-	-	-
30.00	0.5 _L		+	0.43	0.44	0.43	0.433	+	-	-	-	-
5.00	1.0		+	0.24	0.25	0.23	0.240	+	-	-	-	-
5.00	0.5 _L		+	0.38	0.38	0.36	0.373	+	-	-	-	-
0.50	1.0		+	0.36	0.37	0.36	0.363	+	-	-	-	-
0.50	0.5 _L		+	0.64	0.69	0.67	0.667	+	-	-	-	-
0.25	1.0		+	0.55	0.52	0.52	0.530	+	-	-	-	-

[] Register Test

[] No Load Test

Test Result: "SATISFACTORY"

Tested By : K. Kittiya

[Ms. Kittiya Kongtub] Electrical Engineer